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CHRYSANTHEMUMS

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CANNAS.

BEGONIAS.

ORTICULTURAL AND POMOLOGICAL
INVESTIGATIONS



OFFERED FOR SALE BY

GEORGE ATKINSON

SUCCESSOR TO T. H. SPAULDING

Greenhouses,
Orange, N. J.

Box 995, ORANGE, N. J.

Announcement

To my many friends and patrons of the past year I present this, my catalogue of Novelties, etc., for the season of 1899, and at the same time beg leave to thank them for their very liberal patronage, and to assure them that any orders entrusted to me in the future will receive my best care and attention.

The descriptions of many of the new varieties are those of the introducer, which I believe faithfully describe the merits of each. Prices I have made as low as possible, and at as reasonable a figure as quoted by anyone. Parties requiring large quantities I would be pleased to hear from and quote accordingly.

Trusting to receive a liberal share of your patronage that I may be able to gain your confidence by honest, liberal and fair dealings, I remain,

Yours very truly,

GEO. ATKINSON.

NEW, CHOICE AND RARE

Chrysanthemums..

OFFERED FOR SALE BY

GEORGE ATKINSON,

Successor to T. H. SPAULDING.

Box 995, ORANGE, N. J.

GREENHOUSES, - - - - ORANGE, N. J.

TERMS: Cash, Unless by Special Agreement.

Packages will be delivered at Orange free of cost, after which they are at the risk and expense of the purchaser, and in case of loss or delay, the buyer must look to the forwarding companies. Orders accepted only on these conditions.

If Chrysanthemums are desired by mail, postage and packing must be added; for 50 plants or under, 15 cts.; 50 to 100, 25 cts.

Orange is reached by United States, or Wells, Fargo Companies. Please make your selection.

All novelties ready for distribution, March 1st.

Novelties for 1899.

Francis A. Spaulding. Pure yellow sport from Mayflower; carrying every characteristic of that variety excepting the color, which seems in this variety to lend more robustiveness to the constitution. This can truly be said to be one of the great acquisitions to the Japanese type. *Certificated N. C. S.*, New York, 50c. each; \$3.50 per doz., \$25.00 per 100.

Polly Rose—(White Glory of the Pacific). 35c. each; \$3.00 per doz., \$20.00 per 100.

Admiral Dewey. (Ward). *Certificated* at Boston, Philadelphia and Elmira. Fine Japanese reflexed. Color a pure deep chrome-yellow, fully as good as Thornden. A very easy, healthy grower; responds to any ordinary treatment, yet stands heavy feeding well. Produces a very full bloom of great substance and excellent keeping and shipping qualities. Foliage clean and healthy, and stands close planting without dropping leaves. Mid-season to late. Can be had very late. By far the best late mid-season yellow yet out. Best on second crown buds. 50c. each; \$3.50 per dozen; \$25.00 per 100.

Carrie Bell. (Ward.) *Certificated.* Japanese incurved; compact, very full globular flower, same form as Ivory but larger. Color delicate shell-pink on terminals, pure white on crowns. Habit dwarf, 2 feet only. Stem stiff and strong. Foliage heavy and well up to bloom. Season, late midseason to very late. Can be had at Christmas. Terminal buds give best color, best shaped and largest blooms. Strike in July, and grow on solid beds in cool house for Christmas. A very valuable, late pink. 35c. each; \$3.00 per dozen.

Adula. (May.) Pure white and a fine bold, handsome flower, incurved, with good stem, and foliage nearly up to the flower. This is considered one of the best late whites, also a good keeper. Does not reach its best till the 25th–30th of November, and can be kept in good condition till middle of December. Average 4 feet; good from either bud. *Certificated* at Chicago, Philadelphia and Cincinnati. 50c. each; \$4.50 per dozen; \$30.00 per 100.

Mavourneen. (May.) Beautiful flesh-pink, and occasionally slightly marked with clear purple; a distinct variety, with good stem and foliage, from terminal buds; in season from November 1st to 15th; average 4 feet. *Certificated* at Boston in '96; at Philadelphia, '98; certificate and silver medal at Chicago chrysanthemum show, '98. 40c. each; \$4.00 per dozen; \$25.00 per 100.

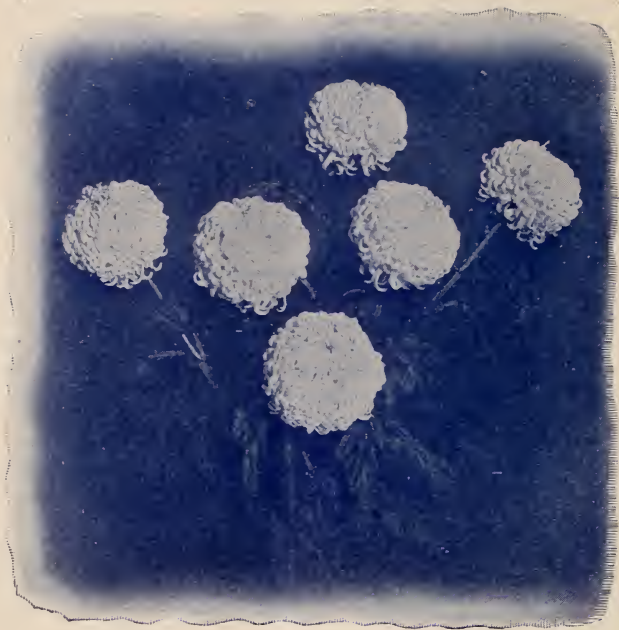
Meta. (May.) White, with delicate shade of lemon at base of petals; an exceedingly nice formed flower; average 5½ inches by 4 inches deep; incurved and good size; bloom always stands erect on good stiff stem, with handsome foliage close up to the flower: one of the very best keeping varieties known and an excellent shipping variety; in season from October 20th; height 3 feet; either bud. *Certificated* at Philadelphia, Boston, Chicago, Morristown and Orange. 50c. each; \$4.50 per dozen; \$30.00 per 100.

Silver Wedding. (May.) The purest white; very broad petals; reflexed, forming a bold, handsome flower, 7-7½ in. in diameter by 5 deep; one of the most distinct varieties of the season. In season from November 5th to 15th; average 5 ft. with good stem; from terminal buds. *Certificated* at Philadelphia, Boston; first prize for best white at Philadelphia show; certificate and silver medal at Chicago show. 40c. each; \$4.00 per dozen; \$25.00 per 100.

Yellow Mayflower. (May.) A sport from Mayflower, and a counterpart of that grand variety in every particular except in color, which is a clear lemon-yellow. This will certainly become one of the standard varieties; its distinct and graceful form will place it in the front rank for all purposes; average 4 ft; terminal buds. *Certificated* at Boston and Philadelphia. First prize for yellow at Philadelphia show. 50c. each; \$4.50 per dozen; \$30.00 per 100.

Mdlle. Lucie Faure. (Imported.) A fine, bold, handsome, clear white flower, forming nearly a round ball, closely incurved; an exceedingly attractive thing; in season from November 15th to 20th; 4½ ft.; either bud. *Certificated* at New York. 25c. each; \$2.50 per dozen; \$12.00 per 100.

Mrs. N. Molyneux. (Imported.) Clear white, of a very fine form; one of the very best midseason varieties for all purposes,



Mdlle. Lucie Faure.

with fine stem and good foliage; a good shipper; in season November 1st to 10th; height 4-4½ ft.; either bud. *Certificated* at Philadelphia. 25c. each; \$2.50 per dozen; \$12 per 100.

October Sunshine or Soleil d'Octobre. (Imported.) Clear, soft yellow of exceedingly graceful form; good size and substance, and will be in great demand as a second early variety, being distinct in form and general character from any known variety; good on either bud; season from October 15th to 25th. *Certificated* at Philadelphia October 20th. 25c. each; \$2.50 per dozen; \$15.00 per 100.

Yellow Madame Carnot. (Imported.) This is distinct from any other sport of Madame Carnot of which there are several, being deeper and brighter in color; larger and fuller flowers, averaging 9 in. each way. It is unquestionably the grandest and most graceful of all yellow Chrysanthemums yet introduced for exhibition. First prize and certificate of merit at Philadelphia show, November 8th, for best yellow; average 5 ft.; either bud. 35c. each; \$3.50 per dozen; \$25.00 per 100.

Mrs. F. A. Constable. (Anderson.) Pure white sport of Iora and a counterpart of this beautiful variety in every particular except color. The well known graceful form and exquisite build of this variety, making it at once the most artistic and distinct variety known. Needs no further description. Indispensable in every collection. *Certificate C. S. A.* 50c. each; \$4.50 per dozen; \$30.00 per 100.

Eclipse '98. (Rawson.) Yellow sport of William H. Chadwick.—Scored 93½ and 94 points in both scales, at Elmira and Boston. Winner of the "Eclipse Bicycle Prize." Grand in every way. 50 cts. each; \$3.50 per dozen.

Pride. (Rawson.) *Certificated* at Boston. Very large early white, stout stems with foliage up to the bloom. Robust and healthy. Try this. 25 cts. each; \$2.00 per dozen; \$15.00 per 100.

Kuno. (Smith & Son.) (Mme. F. Bergmann x J. E. Lager.) In form and habit intermediate between the two parents; strap petals more loosely arranged than those of Bergmann. Good stem and foliage. White; 5 in. in diameter; fully developed Oct-

11th; 3 feet; second crown or terminal. *Certificated by C. S. A.* 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Shilowa. (Smith & Son.) (Wm. Seward x Fisher's Torch.) A brilliant crimson Japanese, with petals convexing and contorting at maturity, showing the upper surface only, of a black, velvety lustre, as seen in Prince C. de Rohan Rose. Like all the large crimsons it must not be treated liberally with liquid manure after the buds are formed. First premium at Indianapolis in the crimson class and *Certificated by C. S. A.* Terminal bud. 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Zoraida. (Smith & Son.) (Exhibited as Izanga.) The most wonderful freak of recent years in the form of a huge Japanese Anemone. The ray florets are white; some entirely tubular, others are half tubular, finishing with a strap tip. The pure yellow cushion-like centre gives contrast and adds greatly to the beauty of this truly artistic flower. The best specimens were 11½ inches in diameter. Midseason; 5 ft. *Certificated by C. S. A.* and silver medal at Chicago. 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Monstrosum. (Smith & Son.) (Mrs. E. G. Hill x Mrs. W. C. Egan.) This will be a welcome edition to the exhibition tables, where blooms of depth as well as breadth are requisite. A Japanese with tubular petals; first, opening flat, assuming a globular form at maturity. Color magenta-pink; 6x6 inches; midseason; 3 feet; second bud or terminal. 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

White Flyer. (Smith & Son.) (Glory of Pacific x Seedling.) Resembles Glory of Pacific in foliage and habit, attaining but 2-2½ ft. A high built reflexed flower of the purest white. It is not only a fine cut flower variety, but is unexcelled for single stem pot plants. This dwarf white will be very serviceable to those desiring to plant on high side benches. Midseason. Terminal bud. Winner of the \$100 Barnes' White Flyer Bicycle at Syracuse. 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Idavan. (Smith & Son.) (Mrs. E. G. Hill x Mrs. W. C. Egan.) A large, compact Japanese incurved flower of the Mrs. Henry Robinson type. The flower portion delicate pink, and the center



See page 5.

florets creamy white. Good stem and foliage. Midseason: 3 ft.; second crown or terminal. *Certificated by C. S. A.* 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Nagoya. (Smith & Son.) (Modesto x Western King.) A Japanese of reflexed form, clear, bright yellow, as pure as that of Modesto. Fine stem and foliage. Cut November 24th, a date when good yellows are very scarce. Terminal bud; 4½ ft.; *Certificated by C. S. A.* 50 cents each; \$5.00 per dozen; \$35.00 per 100.

Xeno. (Smith & Son.) (Merula x Mme. F. Perrin.) A very late bright pink of the Japanese incurved type, possessing the fine foliage and habits of its parents. In color similar to Perrin, but larger and perfectly double. Cut November 24th. Second crown or terminal bud; 3 ft. *Certificated by C. S. A.* 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Queen of Plumes. (Smith & Son.) (F. B. Hayes x White Swan.) The first double pink hairy Chrysanthemums yet produced, as all effects to secure a plumed pink of a pleasing shade and fully double have thus far been in vain. It might be briefly described as White Swan in foliage, fullness, form and time of flowering, more dwarf in habit, but in color a beautiful shade of bright pink. *Certificated by C. S. A.* 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Independence. An ever blooming Chrysanthemum. The originator, Mr. C. A. Phillips, of Syracuse, N. Y., writes as follows: It flowers in July naturally; bud taken May 30th was open July 4th, and fully developed by the 10th from cuttings potted April 14th. By keeping up a succession of cuttings, it may be flowered every month of the year. A double flower 4 inches in diameter, style of Bergmann; opens creamy, changing to pure white. Good stem and foliage; 2 ft.; either bud. Perfectly hardy, flowering in July and August in the open ground. 25 cts. each; \$2.50 per doz; \$15.00 per 100.

Phenomenal. (Hill.) Received *Certificate from N. C. S.* November, 1898. Height 4½ ft. A free easy grower, with beautiful foliage quite up to the flower, which is of the largest size, quite globular. Petals long, broad and incurving. The color is buff, shaded darker. A fine variety in general make up and of

most pleasing color, quite up to exhibition standard. 35 cts. each; \$25.00 per 100.

Fee du Champsaur. (Calvat.) 3½ feet. Probably the most promising white variety awaiting general popularity. It is very pure in shade, immense in size, with broad petals drooping and intermingling in the general style of build of V. Morel. A splendid keeper and traveler. 50 cts. each; \$35.00 per 100.

Mme. Ferlat. (Calvat.) Four feet. Pure white, pointed gold, very large in size, crowded with petals. Form a short petalled incurved; very massive and imposing. 25 cts. each; \$20.00 per 100.

Mme. G. Bruant. (Calvat.) White, shaded pale lavender or cream. Immense in size. October 20th. An exquisitely beautiful variety. 25 cts. each; \$20.00 per 100.

Mrs. Baer. (Heck.) A golden-yellow sport of Mrs. Jerome Jones. This variety ought to need nothing more to describe or recommend it than the above. Blooms were shown before the N. C. S. Committee by Mr. Heck, of Reading, Pa., in November, 1896, and scored 90 points. For a late midseason yellow it will have no rival. 25 cts. each; \$20.00 per 100.

Mrs. Trenor L. Park. (Dailedouze Bros.) Deep, clear yellow. Reflexed high built flower. Certificates at New York, Philadelphia and Chicago. 50 cts. each; \$5.00 per dozen.

California and Japanese Importations.

This list contains the best and most distinct varieties imported. It is a grand collection, noted for its exhibition qualities and mammoth size. Single plants, 10c., except when otherwise quoted.

Tipangi. Very large shell-pink, enormous in size, petals slightly reflexed. Good exhibition flower. 25 cts.

Vernal Beauty. Japanese type; pink, slightly pencilled carmine, flower very high built and of good substance. Good for exhibition or cut flower. 25 cts.

San Pablo. White, enamelled pink, very pretty and very early. 25 cts.

Golden Globe. Magnificent solid and large flower of great substance, flaming bronze. A grand exhibition variety. 15 cts.

Golden Plume. Deep lemon-yellow, petals incurve and reflex, making a deep built flower; fine for exhibition. 15 cts.

Golden Coronet. Grand clear butter-yellow, cupping and incurving petals, solid high flower. Magnificent for all purposes. 15 cts.

Pride of Japan. Deep rose-pink bloom of great substance, with foliage up to the flower. 15 cts.

Buff Globe. Enormous yellow sport, "Good Gracious," grand.

Dragon's Blood. Dark blood-red, a wonderful variety.

Dragon's Fire. Full, large, deep red, almost black.

Fugi Snow. Mammoth white sport from "Good Gracious."

Golden Palace. Immense ball of golden-yellow, early.

Imperial Crown. Style "Good Gracious," golden-yellow, extra.

Marshall Oyama. Immense high flower, grandest white.

Morning Crow. Rich dark crimson, reverse silver.

Oriental Glory. Enormous, shrimp-pink, grand shade.

Pride of California. Rich yellow, enormous flower.

Sophie Seivers. Best snow-white of recent importation.

Snow Capped. Purest snow-white, double and hairy.

White Swan. Pure snow-white, magnificent and hairy.

European Collection.

This collection contains some grand varieties, which no one should be without.

Helen Cross. Large spreading Japanese. Chrome yellow, tips of petals fimbriated, base of flower flame. 25 cts.

Mount d'Or. Very large, high built yellow, petals tipped bronze; very showy. 25 cts.

Bellem. Large spreading Japanese, base of flower shaded pink. 25 cts.

Olive Ocle. Large chrome, incurved yellow. 25 cts.

Princess Ena. Color of crushed strawberries, thickly covered with hairs, very early; very large flower, solid and full, one of the best of the plume varieties. 25 cts.

Mrs. J. Snellberger. Slate-pink, very odd color, petals cupped, incurving to centre. Flower of good substance and of large size, stiff stem, and of a robust habit. 25 cts.



Mavourneen.

See page 3.

Boule d'Or. Rich bronzy yellow, broad petals, long and drooping. 15 cts.

Edith Tabor. Bright golden-yellow, with fine stem and foliage. 25 cts.

Mrs. H. B. Ironsides. A lovely incurved Japanese variety of beautiful pale, flesh-tinted color. 25 cts.

Mrs. R. C. Kingston. A fine incurved bloom of large size, florets soft, lilac-pink, lined white on back. 15 cts.

Mrs. John Shrimpton. Golden-buff, shaded and striped carmine. 25 cts.

Phœbus. Most lovely clear shade of yellow; petals long, broad and recurving; flowers large and solid; very showy and beautiful foliage right up to the flower. 25 cts.

Rose Owen. Magnificent, extra large, clear, bright self-pink of perfect form, opening last of September; a good commercial variety. 15 cts.

Bonnie Dundee. Large golden bronze Chinese. 15 cts.

L'Amethyste. Magnificent extra large deep purple, round and compact. 20 cts.

M. Chenon de Leche. Enormous reflexed Japanese, deep rose. 20 cts.

Reine d'Angleterre. A magnificent and wonderful reflexed Japanese, clear silvery pink. 20 cts.

Pres. Carnot. Extra large reflexed Japanese, dark yellow, reverse lighter. 15 cts.

Globe d'Or. Large perfect globe, golden bronze, very early. 15 cts.

Pride of Medford. Very dark, large and solid. 15 cts.

Abbe Crazilles. Very dark red, extra large, grand. 15 cts.

C. H. Curtis. Large golden-yellow, Chinese. 15 cts.

Beauty of Teignmouth. Grand, extra dark red. 15 cts.

Duchess of York. Large spreading yellow. 15 cts.

Duke of York. Deep pink, extra size. 15 cts.

Pride of Exmouth. Very large blooms, full and deep, the outer florets drooping in a charming manner. Color white, shaded with a clear bright pink. 25 cts.

Anemones, Freaks and Oddities.

Surprise. The largest and grandest pink anemone. 20 cts.

Pauline French. Solid, incurved hairy, centre clear yellow, outside flesh pink. 20 cts.

Virginia Earl. Silvery pink anemone; large high center, grand, 20 cts.

Black Prince. Dark velvety red, ribbon-like balls. 10 cts.

Gen. Nodzu. Beautiful ball of twisted golden ribbons. 10 cts.

Midnight. Enormous solid Japanese red bloom, densely covered with hairs. 10 cts.

Belle of Pacific. Deep rose, long cupped petals, a full flower, thickly covered with hairs. 15 cts.

Delicacy. Very large pure white. Fine for any purpose, and of great substance and depth. This is the edible variety used in Japan as a salad. 15 cts.

Vernal Falls. Immense deep pink, tinted old gold, centre light pink. Three distinct colors. 20 cts.

Mrs. M. Carbone. A puresnow-white, identical with Mrs. Hardy in every respect, except habit, which is strong and perfect. 20 cts.

Alps. Pure snow-white, petals broad and large, incurving and twisting, forming a ball similar to a large bunch of shavings. 10 cts.

John Bunyan. Grand yellow anemone. 10 cts.

Latest Fad. Wonderful curiosity, ribbon-like petals, 8 inches, and upwards in length, gracefully falling around the stem. Rich yellow. 10 cts.

Mrs. Higinbotham. Perfection among the hirsutes, clear pink, immense size. 10 cts.

Owen's Perfection. Large blush-pink anemone. 10 cts.

Queen Elizabeth. Best white anemone, large size. 10 cts.

Rider Haggard. Mammoth pink anemone, perfect form. 10 cts.

Ruche Abundance. Beautiful bronze anemone. 10 cts.

Ruche Toulousaine. Silvery guards, yellow centre, anemone, 10 cts.

Satisfactio. Grand yellow anemone, intermingled crimson. 10 cts.

American Eagle. Very large white anemone, rose centre. 10 cts.

Enterprise. Magnificent rose anemone. 10 cts.

Garza. Broad ray petals, white anemone. 10 cts.

- Judge Hoit.** Largest of all anemones, clear pink. 10 cts.
J. Carbone. Anemone, deep pink guards, cream centre. 10 cts.
L. Boehmer. Exquisite silvery ostrich plume. 10 cts.
Mrs. F. Gordon Dexter. Immense crimson and yellow anemone 10 cts.
Pitcher and Manda. Japanese, centre yellow, outside white. 10 cts.
Red Robin. Clear rose anemone. 10 cts.
Rhodia. Clear pink anemone, white centre. 10 cts.
Silver Bill. Large pure white anemone. 10 cts.
San Joaquin. Mammoth white anemone. 10 cts.
Tanager. Purple and orange anemone. 10 cts.
Titmouse. Large white, tinted pink anemone. 10 cts.
Toucon. Broad rays, reddish buff anemone. 10 cts.
Yoshino. Cream white, large ribbon-like ball. 10 cts.

25 Freaks, My Selection, \$2.

INTRODUCTIONS OF 1898.

Single Plants 10c. each. Positively no Less than 5
of one Variety at 100 rates.

	Per 100
Alice F. Carey. A beautiful light shade of pink, reflex, having excellent keeping qualities, with extra good foliage and stem.....	\$6 00
Chempwec. Clear bright yellow sport of Silver Cloud. An extra good shipping commercial variety of good vigorous constitution. In season 1st to 15th of November.....	6 00
Dolores. A massive incurved deep yellow, with broad petals of the largest size, with exceedingly stiff stems and foliage close up to the flower. This is a late variety not to be cut before the 20th to 25th of November	6 00
Minnewaska. Bold heavy flower, almost globular in form, straight and strap petals, of a distinct shade of deep pink. Good as a late exhibition or pot variety....	6 00
Miss Gladys Vanderbilt. Pearl-white, with lemon shaded centre. An exceedingly fine thing, good as an exhibition or commercial variety. In season 1st to 15th of November.....	6 00

	Per 100
Robert G. Carey. A very beautiful globular incurved white of good substance and good keeping qualities. Extra fine exhibition or commercial variety. Season 15th to 20th of November.....	\$6 00
Spottswood. Beautiful high built, incurved light yellow, somewhat in style of Bonnaffon. Good as an exhibition or commercial variety. An extra good keeper.....	6 00
Wm. H. Chadwick. An immense graceful bloom, waxy white, occasionally tinted pink. Growth, habit, stem and foliage simply perfect. It cannot be praised too highly. Midseason or later.....	
Madeline Pratt. High built, incurved snowy white bloom. A very beautiful flower. Early midseason....	5 00
Mrs. C. H. Peirce. A soft, deep yellow of robust habit, model strength of stem, and beautiful cut foliage up to the flower gives it great substance; good as a commercial variety. Season from November 6th to 25th.....	5 00
Snow Queen. A first-class commercial variety. A large, nicely finished snow-white flower of rounded form and of good substance. In season October 20th to November 5th.....	6 00
Merry Christmas. The best and latest of all whites. Style of Mutual Friend. In season December 20th to January 1st.....	6 00
Autumn Glory. A grand commercial pink, also a fine exhibition variety. Flower of the general shape of V. Morel. Upon opening, the color is a deep reddish salmon, gradually changing to schrimp-pink when fully finished. In season November 5th.....	6 00
Boundless Snow. Color white, flushed pink, gradually becoming pure white. Requires no staking, very large and of the Inter-Ocean type. In season October 15th..	6 00
Black Hawk. A very large and beautiful dark crimson-scarlet of the V. Morel form. In season November 5th.	6 00
Quito. Very valuable as a late dwarf pink. The color is deep pink within, lighter without. In form and style much like Maud Dean. In season November 20th. Use second bud.....	6 00
Solar Queen. Color golden-yellow, shading lighter. Flower of extra size; extra fine for single stem pot plant, also good for early exhibitions. In season October 15th.....	6 00
Arline. Incurved pure white, dwarf upright habit, with excellent stem. Splendid for single stem or pot plants. Midseason	6 00

	Per 100
Pennsylvania. Deep primrose-yellow sport of Philadelphia. Identical in all respects except color. A grand market variety and unexcelled for exhibition.....	\$6 00
Frank Hardy. Extra large midseason white, good for market or exhibition.....	5 00
Yellow Fellow. A large graceful bloom, can be grown very large for exhibition. Bud tinted bronze, maturing rich yellow. Midseason.....	6 00

GENERAL AND STANDARD COLLECTION.

Single plants 10 cents each. Positively no less than five plants of a kind at 100 rates.

	Per 100
Allegro. Beautiful early variety of Wheeler type.....	\$5 00
Adelaide. Very fine compact white, good for commercial purposes.....	4 00
Apollo. Immense reflexed amber, extra large. Style of Andes.....	4 00
Autumn Bride. Pure white, incurved, very closely resembling "The Queen" in form and size, showing no centre.....	4 00
Belle of Castlewood. A rich enamelled shell-pink, broad petaled incurving Japanese, extra early.....	5 00
Betty Bock. Style of Ada Spaulding, clear self pink.....	3 00
Bonnie Marjorie. Grand primrose-yellow.....	3 00
C. W. Ward. Extra large snow-white Chinese of globular and solid form.....	5 00
Chito. Yellow ground, with fine red stripes, giving it a bronzy appearance, good for exhibition.....	5 00
Consuela. Very early large reflexed Japanese. Delicate pink.....	4 00
Constance. Mammoth solid yellow, incurving.....	4 00
Chrystallina. Snow-white, early.....	4 00
Dorothy Deven. Pure snow-white. The very best late white in commerce.....	5 00
Dean Hole. Very large incurved, soft delicate pink.....	4 00
Eureka. First-class porcelain-white, size and form similar to Philadelphia.....	5 00
Elvena. Beautiful early soft silvery pink.....	4 00



Silver Wedding.

See page 3.

	Per 100
Elainora. Deep pink, reverse clear rose, large handsome incurved flower.....	\$4 00
Evangeline. Pure white, similar to Kioto.....	4 00
E. L. Jamieson. Rich crimson, immense bloom, 10 inches.....	4 00
Gold Standard. A mammoth bloom, form and color of Golden Wedding but of a deeper shade. One of the largest reflexed yellows. Extra early.....	5 00
G. F. Atkinson. A beautiful clear shell-pink, high built globular bloom of great substance and large size. Extra early.....	5 00
Golden Wonder. Mammoth old gold yellow, shading deeper to center. Blooms 14-16 inches in diameter..	5 00
Gov. Rudd. Self colored bright cream Japanese.....	3 00
Gretchen Buettner. Extra large pure snow-white.....	3 00
Gold Lode. Early yellow. Style and color of Lincoln....	3 00
Glory of Pacific. Magnificent rose-pink of perfect form. The first and best commercial pink.....	4 00
Halcyon. Fine white anemone. One of the best of this class.....	5 00
Henry Nanz. Golden sport of Jerome Jones. Identical except color, which is golden-yellow.....	4 00
Henry Hurrell. Closely incurved yellow Japanese, very large. Good as an early dwarf-growing variety.....	4 00
Helen Bloodgood. Meritorious true pink, large size.....	4 00
H. W. Reiman. Grand yellow, deep golden shade.....	4 00
Indiana. Grand incurving bright pink, large late.....	4 00
Infatuation. Clear white, distinct type, perfect globe.....	4 00
J. H. Woodford. A beautiful large shell-pink, shaded to centre, high globular bloom. Extra early.....	5 00
Jeannie Falconer. Enormous deep, solid, bright yellow	4 00
J. H. Troy. Very early white of fine form.....	4 00
J. E. Lager. Very early yellow, reflexed Japanese.....	4 00
Kentucky. Extra large graceful flower of globular shape. Pure shrimp-pink.....	5 00
Lorna Doone. Mammoth size, purest snow-white, broad, heavy and deep flower, measuring 12-14 inches. Extra dwarf, 2½ ft.....	5 00
Loantika. Bright clear red, very early and large, reflexed but very full. Does not burn.....	4 00
Leonidas. Amaranth shaded maroon, very large, with straight petals, forming a bold reflexed flower.....	4 00

	Per 100
Lawn Tennis. Japanese reflexed, deep mauve.....	\$5 00
Lenawee. Pure white Japanese, resembling The Queen...	4 00
Maud Adams. A grand incurved, magnificent clear yellow Japanese of great substance and largest size. One of the best late yellows.....	5 00
Marsia Jones. Immense white anemone of the finest form.....	5 00
Mrs. R. D. Douglas. A very large incurved bright yellow when first opening; with age petals show a pleasing bronze. Early.....	5 00
Mrs. R. McArthur. Magnificent clear snow-white, solid petals, incurved and cupped. Hemispherical in form...	5 00
Merula. Dwarf, semi-early, light pink. A beautiful shade	5 00
Mrs. Martin A. Ryerson. A large pure white.....	
Marion Cleveland. Immense high, round solid bloom. ivory-white, shading lemon. Very early.....	4 00
Mrs. R. Crawford. Extra large clear white. Shape like "Ivory" but much larger	4 00
Mrs. H. H. Battles. Large incurved Japanese. White, shading blush at base. Extra dwarf, very late.....	4 00
Mrs. Perrin. Rose-pink. Very bright shade.....	4 00
Modesto. The finest yellow for trade or exhibition. Intense in color, unsurpassed in size.....	5 00
Mrs. W. C. Egan. Large Ada Spaulding type. Crimson-pink.....	4 00
Miss Helen Wright. Pure ivory-white, broad massive incurved petals forming a large symmetrical flower....	4 00
Mrs. J. Peabody. Large, pure white, blooms measuring 8-9 inches through and 6-7 inches deep, fine build and finish	4 00
Mrs. Harry Toler. Extra large Japanese flesh-pink, slightly hairy, midseason	4 00
Mrs. E. Buettner. Clear lemon-yellow, deep flower, fine commercial variety.. ..	4 00
Miss Gladys Spaulding. Magnificent snow-white Chinese	3 00
Mrs. S. T. Murdock. Best pink, large size, finely formed.	3 00
Millbrook. Large bloom, salmon-red.....	4 00
Mrs. W. H. Hurley. Extra early, deep orange-yellow....	3 00
Mrs. H. Robinson. The best of all early whites.....	4 00
Miss Georgianna Pitcher. Incurved bloom, canary-yellow.....	3 00

	Per 100
Miss L. D. Black. Rich orange-yellow, solid.....	\$3 00
Nemesis. Very early, daybreak-pink.....	3 00
Oakland. Clear terra cotta. An ideal bloom.....	4 00
Olympus. Large, solid, round white.....	4 00
President McKinley. Ox blood-red, reverse bright; both colors shown in strong contrast	5 00
Pendennis. Pure chaste white of extra large size and ele- gant shape.....	5 00
Pink Ivory. Sport from "Ivory," beautiful shell-pink....	3 00
Pluto. Clear bright red, reverse bright gold, bold flower..	4 00
Philadelphia. Immense largeround white, tipped green.	4 00
Robert F. Hibson. Extra large, early, reflexed white Japanese.....	4 00
Ruth Ellis. Fine shell-pink, grand commercial variety ...	4 00
Radiance. Deep yellow, shade of Golden Wedding.....	3 00
Symphonia. A beautiful shade of carmine-pink, reverse soft silvery pink; very dwarf.....	4 00
Sunstone. Very robust habit, light straw reverse; upper surface bright yellow, shading to red at base.....	5 00
Superior. Large and extra double, deep red.....	4 00
T. B. Morse. One of the clearest bright early yellows in commerce.....	5 00
The Harriott. Deep rose, silvery reverse. The latest commercial pink	5 00
Thanksgiving. Large Japanese delicate self pink.....	4 00
Western King. An incurved flower with outer petals slightly reflexing, pure white.....	5 00
West Newton. Magnificent bright Nankeen-yellow Jap- anese of largestsize.....	5 00
Yellow Monarch. A yellow sport of Merry Monarch, very early.....	4 00
Yanoma. Reflexed late white.....	4 00
Ada Spaulding. Rich, deep pink, shaded to pearl.....	3 00
Baron Hirsh. Magnificent incurved orange.....	3 00
C. Shrimpton. Immense bright crimson.....	3 00
C. B. Whitnall. Deep maroon, very dark	3 00
Dorothy Toler. Warm rose, tipped red, perfect ball.....	3 00
E. Dailedouze. Glowing bright yellow, grand flower....	3 00
E. Addison. Massive broad petals, rich plum color.....	3 00
Erminilda. Pure rose-pink, grand commercial.....	3 00

Per 100

G. S. Kalb. Extra early Japanese, pure white. The best early white in commerce.....	\$5 00
Georgienne Bramhall. Early clear yellow, distinct.....	3 00
Golden Wedding. Richest golden-yellow, immense.....	4 00
Good Gracious. Solid delicate self pink	3 00
G. W. Childs. Deep velvety crimson, best dark.....	4 00
Inter-Ocean. Glistening pearly white.....	3 00
Ivory. Best commercial white.....	3 00
J. Shrimpton. Deep velvety crimson, reverse gold.....	4 00
Kioto. Large, deep yellow ball.....	3 00
Lady Playfair. Pearly pink, very early.....	3 00
Lillian Russell. Large, early, clear silvery pink.....	4 00
Mrs. E. O. Wolcott. Incurved ball, beautiful silvery pink,	3 00
Mrs. Geo. A. Magee. Large exhibition bloom, silvery pink.....	3 00
Mrs. Geo. West. Largest deep rose in cultivation.....	3 00
Marion Henderson. Early, clear yellow.....	3 00
Mayflower. Magnificent incurved white.....	4 00
Minerva. Massive incurved vivid yellow.....	3 00
Marie Louise. Grand early snow-white	3 00
Mlle. T. Rey. Cream white, superb	3 00
Major Bonnaffon. Grand, full, bright yellow....	3 00
Mutual Friend. Mammoth snow-white	3 00
Mlle. E. Rey. Deep pink, large and early.....	3 00
Mrs. F. L. Ames. Immense commercial late yellow.....	3 00
Maud Dean. Extra large fine pink	3 00
Mrs. F. Bergmann. Earliest pure white, extra fine.....	3 00
Mrs. Jerome Jones. Snow-white, large incurved, late...	3 00
Mrs. J. G. Whilldin. Clearest yellow, extra early.....	3 00
Niveus. Grandest snow-white.....	3 00
Pres. Wm. R. Smith. Purest large self-pink	3 00
Silver Cloud. Enormous flower, delicate salmon.....	3 00
The Queen. Best late white in cultivation.....	3 00
Wm. Falconer. Exquisite flesh-pink, hairy	3 00
Wm. Seward Deep crimson, almost black	3 00
Yellow-Queen. Extra early, large, clear yellow.....	3 00

CARNATIONS.

Rooted Cuttings.

Ten cents each, except when quoted, no less than 25 of a variety at 100 rates; 250 at 1000 rates. If desired by mail postage and packing must be added, for 50 plants and under, 15 cts.; 50 to 100, 25 cts.

General Maceo. (Ward) Very full deeply fringed flower, $2\frac{1}{2}$ to $2\frac{3}{4}$ inches in diameter, on stiff wiry stems 12 to 18 inches long under ordinary culture. Under extra culture blooms 3 inches on 20 inch stems can be grown. Ground color deep brilliant scarlet, heavily overlaid with maroon, making one of the darkest and richest shades yet seen in carnations, fully as rich and striking as the Meteor rose. Habit erect, stiff, wiry, of the McGowan type, but of stiffer and stronger stems. Foliage covered with rich glaucous bloom. A very profuse and abundant grower. The best and most profitable dark Carnation grown. Price, \$2 per doz.; \$10 per 100; \$75 per 1000.

G. H. Crane. (Dorner.) This is the coming scarlet Carnation. Having been tested three years it has proven to be a most satisfactory variety, not alone as a scarlet but as a commercial Carnation. A large flowering sort, producing both quality and quantity. It comes into flower early and continues an even all season bloomer. Produces an average 3 inch bloom, having smooth outer petals with a well built up centre, a strong well formed calyx, a 16 to 18 inch stem of remarkable firmness holding the flower erect in the early part of the season as well as the latter spring months, a delightful fragrance, and in color a clear brilliant scarlet, with no tendency to fade. Model growth, stem, flower, color, and a most essential quality, being in full flower when most needed, recommends it to every grower. Received American Carnation Society *Certificate* in Chicago, Feb., 1898, scoring 92 points. *Certificate and Silver Medal* at Chicago Chrysanthemum Show, Nov., 1898. *Certificated* at Indianapolis, Nov., 1898. Price, \$2 per doz.; \$10 per 100; \$75 per 1000.

New York. Bright cerise-pink, resembling Bridesmaid; strong vigorous habit. Free and early. One of the best and most constant bloomers. A pretty color under gas or electric light. Price, \$1 per doz.; \$5 per 100; \$40 per 1000.

Mrs. Jas. Dean. Clear silvery pink; strong vigorous habit; large bloom on a long, wiry stem; free and constant bloomer. The ideal light pink. A fine healthy carnation. Price, \$1 per doz.; \$5 per 100; \$40 per 1000.

John Young. Very double, snow-white flower, deeply fringed, strong clove fragrance, on long stiff stem. Strong vigorous habit, free and constant bloomer. The nearest to Scott in habit of any white Carnation grown. A first class commercial variety. Price, \$1 per doz.; \$5 per 100; \$40 per 1000.

White Cloud. White, habit same as Daybreak, but taller, stronger, more vigorous, and an earlier and much freer bloomer. One of the most desirable acquisitions to the rather small list of good whites. Price, \$1 per doz.; \$5 per 100; \$40 per 1000.

Bon Ton. Bright warm scarlet; large, deeply fringed, very fragrant flower, on a very stiff stem. Price, \$1 per doz.; \$5 per 100; \$40 per 1000.

Scarlet Wave. This is one of the most profitable scarlet Carnations that has yet been introduced. Averaging 35 to 40 blooms. I have grown it for the New York market and find it all that can be desired as a commercial variety. No grower should be without it. Price, 50 cts. per doz.; \$3 per 100; \$25 per 1000.

Lillie Dean. One of the best striped varieties.

White, pencilled carmine. Flowers measuring 100	1000
three inches.....	\$4 00 \$30 00

Wm. Scott. Best commercial pink.....	2 00	15 00
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Alaska. Grand white.....	2 00	15 00
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Lizzie McGowan. One of the best whites.....	2 00	15 00
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Meteor. The finest crimson.....	3 00	25 00
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Eldorado. One of the finest yellows.....	5 00	45 00
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CANNAS.

Ten cents each, except when quoted; 25 of one kind at 100 rates, or 100 in 10 varieties, same rates. **If by mail, 5c. per bulb extra.**
Per 100

President McKinley. This is one of the best dwarf crimson bedders introduced. Color, a fiery deep crimson-scarlet. It is an early, constant and immensely profuse bloomer. Habit, dwarf, reaching 3½ feet at the end of the season on very rich soil. Very valuable for pot culture, as single specimens on the lawn, or for massing.

Price, single, 25 cts. : \$2.50 per dozen.....	\$15 00
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Austria. Yellow, tall grower, large flower.....	4 00
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Italia. Yellow, scarlet throat.....	4 00
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Mme. Crozy. Orange scarlet, bordered gold.....	3 00
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Paul Marquant. Rosy carmine.....	3 00
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Yellow Queen. Dwarf, almost pure yellow.....	4 00
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Baron de Sandrons. Orange, shading to yellow.....	3 00
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	Per 100
Florence Vaughan. Grand yellow, dotted red	\$4 00
Chas. Henderson. Vermilion red.....	3 00
J. D. Cabos. Apricot, or rosy bronze.....	3 00
L. Bally. Yellow, slightly spotted.	3 00
A. Bouvier. Cardinal-red, grand.....	3 00
Eldorado. Finest of all yellows.....	4 00
Sophie Buchner. Orange-scarlet.....	3 00
Secretary Stewart. Richest deep red.....	4 00
Sarah Hill. Deep crimson.....	3 00
Francois Crozy. Light orange, like Mme. Crozy.....	3 00
Paul Bruant. Large, intense scarlet.....	3 00
Maurice Mussy. Largest crimson scarlet.....	4 00
Chas. Moore. Bright yellow, spotted.....	3 00
Col. Dodds. Rosy salmon.....	3 00
Ed. Meig. Rich vermilion-scarlet.....	3 00
Cronstadt. Orange, flaked carmine.....	3 00
Explorateur Crampbel. Orange-crimson.....	3 00
Yellow Crozy. Pure canary-yellow, single, 25 cts.....	15 00
Philadelphia. Clear crimson-scarlet	8 00
Mrs. Fairman Rogers. Brilliant scarlet, bordered yellow	4 00
Beaute Poitevine. Rich crimson.....	3 00
Souv. du President Carnot. Orange scarlet, slightly shaded pink.....	4 00
Queen Charlotte. Bright orange-scarlet, deeply edged yellow.....	4 00
Egandale. Bright cherry.....	4 00
Papa. Pure red.....	4 00
Admiral Avellan. Orange-scarlet, overlaid salmon.....	4 00
Leonard Vaughan. Bright scarlet.....	3 00
Secretary Chabanne. Beautiful orange, with deeper shading; single, 25 cts.....	15 00
President Cleveland. Bright scarlet, single 25 cts.....	15 00
Bassett's Red. Very fine red, dark foliage.....	5 00
Mlle. Berat. Very soft shade of rosy carmine.....	5 00
Souv. de Antoine Crozy. Scarlet-crimson, bordered yellow	4 00
Count de Bouchard. Similar to F. Vaughan.....	4 00
Chicago. Deep vermilion.....	4 00
Columbia. Rich cardinal-red.....	4 00
Flamingo. Solid glowing crimson.....	4 00
Pierson's Premier. Vermilion-scarlet, yellow centre.....	5 00
Black Beauty. Finest of darks, \$1.50 each; \$15 per doz.	

20 varieties, 5 of each, my selection, \$2.50.

A CHARMING COLLECTION

Of 20 Elegant Tuberous Begonias for \$1.00, Postpaid.

In all the fascinating shades of this wonderful plant. They will give you a mass of bloom from June until frost.

THE PRIZE CHRYSANTHEMUM SET.

Twenty Prize Winners for \$1.00, Postpaid.

This collection includes the most desirable varieties that brought prizes at the different shows in November and goes over the entire range of color, form and size. If you desire to be up to date in chrysanthemums, try it.

5 collections, all different, \$4.00.

Set Of Hardy Outdoor Pompons, \$2.00.

This set contains 25 plants of the following colors: yellow, red, bronze, pink and white.

Choice Hybridized Seed.

Single packets, 50 cts.; three packets, \$1; twelve packets \$3.

BEGONIAS.

Giant-flowered Tuberous Rooted, The Finest in America.

Bulbs of single varieties.

Atkinson's Extra Mammoth. Brilliant red, rose, white, pink, dark red, orange and yellow. Price, 15 cts. each; \$1 per doz.; \$2 per 25, \$3.50 per 50; or 20 of each color, 140 bulbs, \$5.



YELLOW MAYFLOWER.